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02/11/99

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN THE APPLICATION OF:

JOHN BROWSE
LUIS PEREZ GRAU
ANTHONY J. KINNEY
JOHN W. PIERCE, JR.
ANNA M. WIERZBICKI
NARENDRA S. YADAV

CASE NO.: BB-1036-B

APPLN. NO.: UNKNOWN

GROUP ART UNIT: UNKNOWN

FILED: CONCURRENTLY HEREWITH

EXAMINER: UNKNOWN

FOR: FATTY ACID DESATURASE GENES
FROM PLANTS

Date: DECEMBER 23, 1998

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

Preliminary Amendment

This is submitted to facilitate prosecution of the above-identified application.

In the Claims

Kindly cancel claims 2-19.

Kindly add the following new claims:

20. An isolated nucleic acid fragment which is useful in antisense inhibition or sense suppression of endogenous desaturase activity in a transformed plant wherein said isolated nucleic acid fragment hybridizes to one of the nucleotide sequences set forth in SEQ ID NOS:1, 3, 5, 7, 9, 11, and 15 or any portion thereof under one of the following sets of conditions:

(a) hybridization in 50 mM Tris, pH 7.6, 6X SSC, 5X Denhardt's, 0.5% sodium dodecyl sulfate (SDS), 100 µg denatured calf thymus DNA at 50°C overnight and wash with 6X SSC, 0.5% SDS at room temperature for 15 min, repeat with 2X

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Diane M. Dick
Diane M. Dick

12/23/98
Date

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